Linear	Graphing	LG3
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Y=TX+ & ynterestruct

## Finding Slope from Tables

Activity

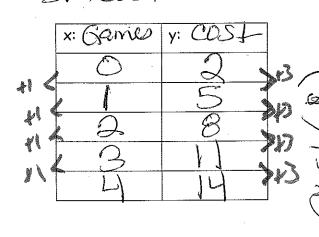
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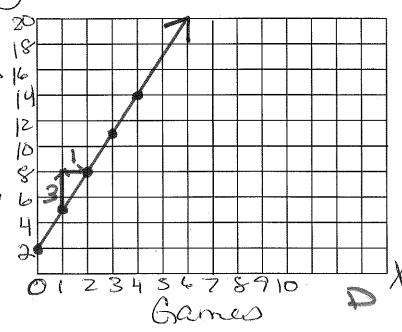
ate \_\_\_\_\_Period

Sally is on the bowling team and needs to practice for the big tournament. The shoe rental is \$2 and the cost of each game is \$3. Make a table showing the cost for any number of games Sally bowled during a practice session. Graph the data from the table and draw a trend line.

IV: Bames DV: COST



y P(Gans, &



1. Using the graph, find the slope of the line.

<u>run</u> ->1

Slope = 3

sleper sam

2. How can the values in the table be used to find the slope of the line?

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ofference in y's
interval of there was

al real numbers

3. What would be a reasonable domain for this situation?

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XZY

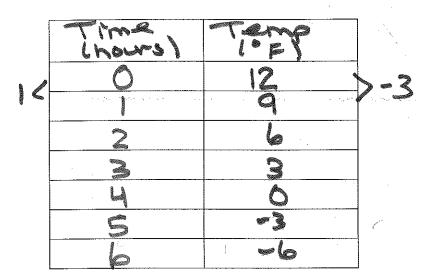
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4. What would be a reasonable range for this situation?

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At noon, the temperature was  $12^{\circ}$  F. For the next six hours, the temperature fell by an average of  $3^{\circ}$  F an hour. Make a table showing the change in temperature for six hours.



- 5. What is the independent variable? The Charles
- 6. What is the dependent variable?

7. Using the table, find the slope of the line.

8. What would be a reasonable domain for this situation?

9. What would be a reasonable range for this situation?